

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q78126

Dan Veniamin NICOLAU, et al.

Appln. No.: 10/689,738

Group Art Unit: 2878

Confirmation No.: 4321

Examiner: Unknown

Filed: October 22, 2003

For: MICRO/NANO-STRUCTURES FABRICATED BY LASER ABLATION FOR  
MICRO-ARRAY APPLICATIONS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

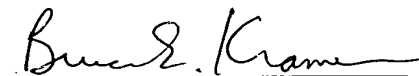
The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT  
USSN: 10/689,738

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Bruce E. Kramer  
Registration No. 33,725

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 22, 2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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First Named Inventor	Dan Veniamin NICOLAU
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Examiner Name	Unknown
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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**FOREIGN PATENT DOCUMENTS**

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**NON PATENT LITERATURE DOCUMENTS**

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		IVANOVA E. et al, "Polymer micro-structures fabricated via laser ablation for multianalyte microassays." Langmuir, 18, 9539-9546; 2002	
		ANDRADE, J.D. ,et al, Biomater Sce. & Polymers 1991, 2,161-72	
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		BERNARD, A. et al, Langmuir. 1998, 14, 2225-2229	
		BERNSTEIN, F.C., et al. J. Mol. Biol, 1977, 112, 535-542	
		CAO, J., et al, Smart Materials & Structures, 2002, 11, 772-777	

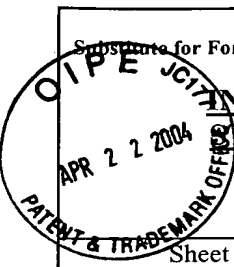
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		Connolly, M.L., J. Mol. Graphics, 1993,11(2), 139-141	
		De Wildt, R.M. et al Nature Biotech., 2000,18,989-994	
		FODOR, S.P.A. et al, Science 1991, 251, 767-773.	
		Ismagilov, R.F., et al. Anal. Chem. 2001,73,5207-5213.	
		KENDREW, J.C., et al. Nature, 1960, 155, 422-427	
		Levitt, M., et al, NATURE 1976, 261, 552-558.	

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		MCDONALD J.C., ET AL, Anal. Chem. 2001-73,5645-5650.	
		NICOLAU, D.V.. et al LANGMUIR 1998,14,1927-1936.	
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		NOY, A, et al Annu. Rev. Mater. Sci. 1997,27,381-421.	
		PETRASH, S. et al. LANGMUIR, 1977,13,1881-1883.	

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		SCHULZ, G.E., Angew. Chem. Int. Ed. Engl., 1977,16,23-32.	
		SCHWARZ, A., et al LANGMUIR 1998,14,5526-5531	
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		SUNBERG, S.A. et al., Current Opinion in Biotechnology 2000,11:47-53	
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		VEZENOV, D.V., et al. J. Am.Chem. Soc. 1997,119, 2006-2015.	
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		ZHAO,X.M. et al., J.MATER .CHEM. 1997,7,1069-1074	

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